IN THE ABSTRACT:

The Abstract as amended below with a replacement Abstract shows added text with underlining and deleted text with ~~strikethrough~~.

Please DELETE the Abstract in its entirety and substitute the attached new Abstract.

A compiler and method thereof to compile a source program in an object-oriented programming language including if a class-type variable is contained in an execution statement to be executed in parallel or in a parallelization directive, the execution statement to be executed in parallel or in the parallelization directive included in a class, generating an instruction to call a construction instruction routine for an object of the class, before the execution statement, in order to generate the object in addition to an original object of the class. Further, if a class-type variable is contained in the execution statement to be executed in parallel or in the parallelization directive, the compiler and method thereof generate the instruction to call a destruction instruction routine for the generated object of the class, after the execution statement, in order to destruct the generated object in addition to the original object of the class.